

CLAIM AMENDMENT

1. (currently amended) A method for facilitating data synchronization, comprising the steps of:
 - (a) obtaining a list of encoding methods from a remote object store;
 - ~~(a) checking object store replica information corresponding to a remote object store;~~
 - (b) extracting a first set of objects to be synchronized with said remote object store;
 - (c) packing said first set of objects, their associated identifiers and synchronization versions into a request synchronization message;
 - (d) sending said request synchronization message to said remote object store;
 - (e) receiving a response synchronization message from said remote object store, said response synchronization message indicating a number of updated objects at the remote object store; and
 - (f) resetting a corresponding set of synchronization versions to said updated objects; and
 - ~~(g) purging off said updated objects.~~

2. (currently amended) The method of claim 1, further comprising the steps of:
 - (1) checking object store replica information corresponding to said remote object store;
 - ~~(12)~~ sending a request message to said remote object store if any information is missing from said object store replica information;
 - ~~(23)~~ receiving a response from said remote object store ~~including a list of encoding methods;~~ and
 - ~~(34)~~ registering said response in said object store replica information.

3. (original) The method of claim 1, further comprising the steps of:
 - (1) updating objects based on said request synchronization message at said remote object store; and
 - (2) sending a response synchronization message providing a number of objects received and processed.

4. (canceled)

5. (original) The method of claim 1, further comprising the step of:
adding a field in said request synchronization message indicating whether said request synchronization message is a last request to said remote object store.

Claims 6-12. (canceled)

13. (currently amended) A computer program product for facilitating data synchronization, comprising:

- (a) logic code for obtaining a list of encoding methods from a remote object store;
- ~~(a) logic code for checking object store replica information corresponding to a remote object store;~~
- (b) logic code for extracting a first set of objects to be synchronized with said remote object store;
- (c) logic code for packing said first set of objects, their associated identifiers and synchronization versions into a request synchronization message;
- (d) logic code for sending said request synchronization message to said remote object store;
- (e) logic code for receiving a response synchronization message from said remote object store, said response synchronization message indicating a number of updated objects at the remote object store; and
- (f) logic code for resetting a corresponding set of synchronization versions to said updated objects; ~~and~~
- ~~(g) logic code for purging off said updated objects.~~

14. (currently amended) The computer program product of claim 13, further comprising:

- (1) logic code for checking object store replica information corresponding to said remote object store;

- (12) logic code for sending a request message to said remote object store if any information is missing from said object store replica information;
 - (23) logic code for receiving a response from said remote object store ~~including a list of encoding methods~~; and
 - (34) logic code for registering said response in said object store replica information.
15. (original) The computer program product of claim 13, further comprising:
- (1) logic code for updating objects based on said request synchronization message at said remote object store; and
 - (2) logic code for sending a response synchronization message providing a number of objects received and processed.
16. (canceled)
17. (original) The computer program product of claim 13, further comprising:
logic code for adding a field in said request synchronization message indicating whether said request synchronization message is a last request to said remote object store.
- Claims 18-24. (canceled)